Appendix G

Performance Monitoring Plan and Extraction Well Boring Logs and Well Construction Details

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. EW-1**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/12/07 / DATE FINISHED: 11/14/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 64.0 / SCREEN INTERVAL (ft.): 50.6 to 59.9
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. NA / CASING: 6" Sched. 80 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Well Vault
2						concrete vault, steel lid.
3						
4						12" diameter borehole
5			3 3 3		SILTY SAND (SM): dark brown (10YR 3/3), moist, 60% fine to coarse sand, 30% nonplastic fines, 10% fine gravel, root debris	
6						PureGold medium bentonite chip seal
7						
8						Basalite Portland cement, Quikgel bentonite grout
9						
10			12 14 16		POORLY GRADED GRAVEL with SAND (GP): grayish brown (10YR 5/2), moist, 60% fine and coarse gravel, 35% medium to coarse sand, 5% nonplastic fines	6" diameter Schedule 80 PVC casing
11						
12						
13						
14						
15			18			

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-1 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16		X	15 17		POORLY GRADED GRAVEL with SAND (GP): Cont.	12" diameter borehole
17						
18						
19					POORLY GRADED SAND with GRAVEL (SP): grayish brown (10YR 5/2), moist, 75% medium to coarse sand, 20% fine gravel, 5% nonplastic fines	6" diameter Schedule 80 PVC casing
20			17 18 20			
21						
22						Basalite Portland cement, Quikgel bentonite grout
23						
24					POORLY GRADED SAND (SP): grayish brown (10YR 5/2), dry, 95% medium sand, 5% nonplastic fines	
25		X	7 20 25			
26						
27						
28						
29					POORLY GRADED SAND with SILT (SP-SM): light yellowish brown (2.5Y 6/3), dry, 90% medium sand, 10% nonplastic fines	
30			12 25 25			
31						
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-1 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND with SILT (SP-SM): Cont.	6" diameter Schedule 80 PVC casing
35			13 15 16		(ML): (SP):	
36						Basalite Portland cement, Quikgel bentonite grout
37						
38						
39						12" diameter borehole
40			12 13 16		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 90% fine to coarse sand, 5% fine gravel, 5% nonplastic fines	
41						
42						
43						PureGold medium bentonite chip seal
44						
45			13 30 25		(SM): silty sand	#10/20 Colorado Silica filter sand
46						
47						
48						
49					(SM): nonplastic silty sand, 2.5Y 5/3	
50			10 10 10		cobble (2.5Y 4/2), dark grayish brown, no gravel	
51						V-wire wrap screen

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-1 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52					POORLY GRADED SAND (SP): Cont.	
53						
54						
55			10 50/4"			12" diameter borehole
56						
57						6" diameter, 0.020" slot, V-wire wrap, Schedule 40 PVC screen
58						#10/20 Colorado Silica filter sand
59						
60			3 5 9			
61						
62						6" Schedule 40 PVC, 3' sump
63						
64					Bottom of boring at 64"	native sand
65						
66						
67						
68						
69						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. EW-2**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/12/07 / DATE FINISHED: 11/14/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 64.0 / SCREEN INTERVAL (ft.): 49.9 to 58.5
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 39, COMPL. NA / CASING: 6" Sched. 80 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Well Vault
2						concrete vault, steel lid.
3						
4						12" diameter borehole
5			3 16 20		POORLY GRADED SAND with SILT and GRAVEL (SP_SM): grayish brown (10YR 5/2), dry, 70% fine to coarse sand, 20% fine and coarse gravel, 10% nonplastic fines	PureGold medium bentonite chip seal
6						
7						
8						
9						
10			13 13 13		POORLY GRADED SAND with GRAVEL (SP): grayish brown (10YR 5/2), dry, 65% fine to coarse sand, 30% fine subangular to subrounded gravel, 5% nonplastic fines	6" diameter Schedule 80 PVC casing
11						
12						
13						
14						
15			13			

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-2 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			15 20		POORLY GRADED SAND with GRAVEL (SP): Cont.	12" diameter borehole
17						PureGold medium bentonite chip seal
18						
19					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), dry, 95% fine to medium sand, 5% nonplastic fines	6" diameter Schedule 80 PVC casing
20			11 20 20			
21						
22						Collapsed native sand
23						
24					grayish brown (10YR 5/2), mostly fine sand	
25			10 10 19			
26						
27						
28						
29						
30			17 17 50/4"			
31						
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-2 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont. moist	Collapsed native sand
35						
36						PureGold medium bentonite chip seal
37						
38						
39					wet	
40			3 11 20		coarse sand silty sand	12" diameter borehole
41						6" diameter Schedule 80 PVC casing
42						
43						
44					POORLY GRADED SAND with SILT (SP-SM): dark grayish brown (10YR 4/2), wet, 85% fine to coarse sand, 10% nonplastic fines, 5% fine gravel	
45			25 50/6"			#10/20 Colorado Silica filter sand
46						
47						
48						
49					with 10% gravel	
50			19 50/6"			6" diameter, 0.020" slot, V-wire wrap, Schedule 40 PVC screen
51						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-2 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52						
53					No samples taken to combat heaving sands	
54						
55						12" diameter borehole
56						
57						6" diameter, 0.020" slot, V-wire wrap, Schedule 40 PVC screen
58						#10/20 Colorado Silica filter sand
59						
60						6" Schedule 40 PVC, 3' sump
61						
62						
63						native sand
64					Bottom of boring at 64'	
65						
66						
67						
68						
69						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. EW-3**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/14/07 / DATE FINISHED: 11/14/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 64.0 / SCREEN INTERVAL (ft.): 50.1 to 59.3
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 39, COMPL. NA / CASING: 6" Sched. 80 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Well Vault
2						concrete vault, steel lid.
3					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 4/4), dry, 75% fine to medium sand, 15% fine gravel, 10% nonplastic fines	12" diameter borehole
4						
5			3 6 7		POORLY GRADED GRAVEL with SAND (GP): grayish brown (10YR 5/2), dry, 70% fine and coarse gravel, 30% fine to coase sand, <5% nonplastic fines	PureGold medium bentonite chip seal
6						
7						Collapsed native sand
8						
9					POORLY GRADED SAND with GRAVEL (SP): gray (10YR 5/1), dry, 65% fine to coarse sand, 35% fine and coarse gravel, <5% nonplastic fines	
10			14 15 15			6" diameter Schedule 80 PVC casing
11						
12						
13						
14					grayish brown (10YR 5/2), moist	
15			10			

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-3 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
			15 18		POORLY GRADED SAND with GRAVEL (SP): Cont.	
16						12" diameter borehole
17						PureGold medium bentonite chip seal
18						
19					15% gravel	6" diameter Schedule 80 PVC casing
20			14 14 18		POORLY GRADED SAND (SP): grayish brown (10YR 5/2), moist, 95% fine to medium sand, 5% nonplastic fines	
21						
22						
23						
24						
25			9 10 15		SILTY SAND (SM): light olive brown (2.5Y 5/3), moist, 70% fine sand, 30% nonplastic fines	
26						
27						
28						
29					POORLY GRADED SAND with SILT (SP-SM): dark grayish brown (10YR 4/2), moist, 90% fine to medium sand, 10% nonplastic fines	
30					silty sand	
31						
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-3 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND with SILT (SP-SM): Cont.	
35					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 90% fine to coarse sand, 5% fine gravel, 5% nonplastic fines, thin (0.5 inch) lenses of silty sand	
36						PureGold medium bentonite chip seal
37						
38						
39					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark grayish brown (10YR 4/2), moist, 75% fine to coarse sand, 15% fine and coarse gravel, 10% nonplastic fines	12" diameter borehole
40			10 16 17			
41						6" diameter Schedule 80 PVC casing
42						
43						
44					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% medium and coarse sand, 5% nonplastic fines	
45			38 50/6"		silty sand 10% fine and coarse subrounded gravel	#10/20 Colorado Silica filter sand
46						
47						
48						
49						
50			13 30 50/2"		cobble	0.020" slot, V-wire wrap, Sched. 40 PVC screen
51						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-3 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52						
53					No samples taken to combat heaving sands	
54						
55						12" diameter borehole
56						
57						6" diameter, 0.020" slot, V-wire wrap, Schedule 40 PVC screen
58						#10/20 Colorado Silica filter sand
59						
60						
61						6" Schedule 40 PVC, 3' sump
62						
63						native sand
64					Bottom of boring at 64'	
65						
66						
67						
68						
69						

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. EW-4**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/14/07 / DATE FINISHED: 11/15/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 65.0 / SCREEN INTERVAL (ft.): 49 to 58.4
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 38, COMPL. 37 / CASING: 6" Sched. 80 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Well Vault
2						concrete vault, steel lid.
3					SILTY SAND (SM): dark yellowish brown (10YR 4/6), moist, 80% fine to coarse sand, 20% nonplastic fines, thin roots	
4						12" diameter borehole
5			6 10 17		POORLY GRADED GRAVEL with SAND (GP): dark grayish brown (10YR 4/2), dry, 55% subrounded fine gravel, 40% medium and coarse sand, 5% nonplastic fines	PureGold medium bentonite chip seal
6						
7						
8						
9					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), dry, 85% fine to coarse sand, 15% fine and coarse subangular gravel 25% gravel	
10			15 16 20			6" diameter Schedule 80 PVC casing
11						
12						
13						
14						
15			10			

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-4 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
15			15 17		POORLY GRADED SAND with GRAVEL (SP): Cont.	
16						12" diameter borehole
17						PureGold medium bentonite chip seal
18						
19					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine and medium sand, 5% nonplastic fines	6" diameter Schedule 80 PVC casing
20			14 17 19			
21						
22						
23						
24					SILTY SAND (SM): dark grayish brown (10YR 4/2), most, 70% fine and medium sand, 30% nonplastic fines	
25			18 26 50/6"		(SP-SM): very dark grayish brown (10YR 3/2),	
26						
27						
28						
29					POORLY GRADED SAND with GRAVEL (SP): very dark grayish brown (10YR 3/2), moist, 80% fine to coarse sand, 15% fine subrounded to subangular gravel, 5% nonplastic fines	
30			10 19 21			
31						
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-4 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND with GRAVEL (SP): Cont.	
35			10 15 22		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine and medium sand, 5% nonplastic fines	
36						PureGold medium bentonite chip seal
37						
38						
39						
40			17 21 32		POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark grayish brown (10YR 4/2), wet, 70% fine to coarse sand, 20% fine gravel, 10% nonplastic fines	12" diameter borehole
41						6" diameter Schedule 80 PVC casing
42						
43						
44						
45			17 22 28		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% fine to coarse sand, 5% nonplastic fines	#10/20 Colorado Silica filter sand
46						
47						
48						
49						6" diameter, 0.020" slot, V-wire wrap, Schedule 40 PVC screen
50			6 10 17			
51						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

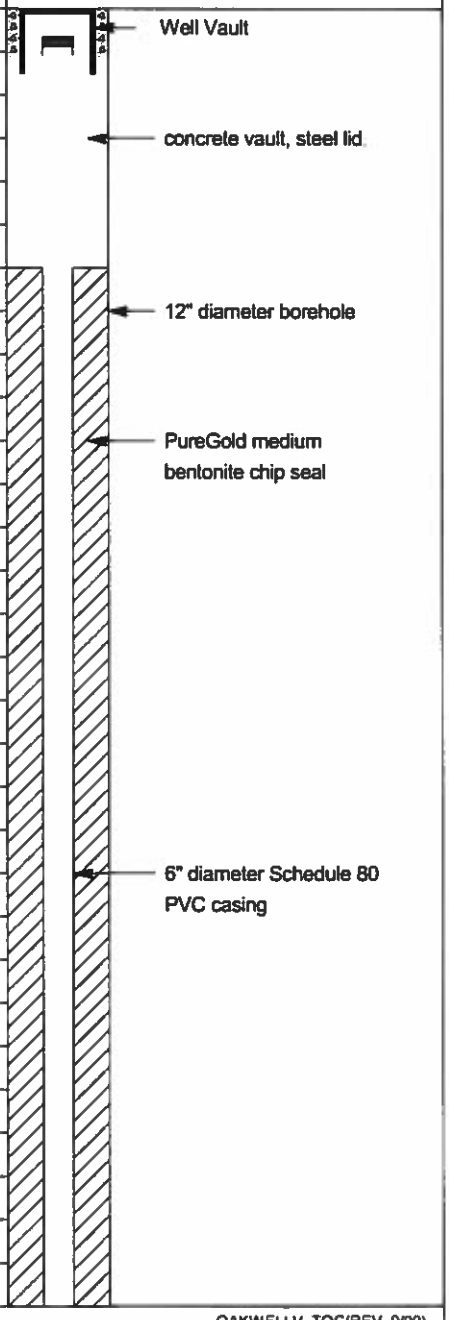
Log of Well No. EW-4 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52					POORLY GRADED SAND (SP): Cont.	
53						
54						
55						12" diameter borehole
56						
57						6" diameter, 0.020" slot, V-wire wrap, Schedule 40 PVC screen
58						#10/20 Colorado Silica filter sand
59					very dark grayish brown (10YR 3/2),	
60						6" Schedule 40 PVC, 3' sump
61						
62						
63						
64						native sand
65					Bottom of boring at 65'	
66						
67						
68						
69						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. EW-5**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/16/07 / DATE FINISHED: 11/16/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 65.0 / SCREEN INTERVAL (ft.): 49.3 to 58.6
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. NA / CASING: 6" Sched. 80 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
5			7 6 7		POORLY GRADED SAND with GRAVEL (SP): brown (10YR 4/3), dry, 75% fine to coarse sand, 20% fine and coarse gravel, 5% nonplastic fines	
10			10 14 15			



PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-5 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			17 19 24			12" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						6" diameter Schedule 80 PVC casing
20						
21			14 15 21			
22						
23						
24					POORLY GRADED SAND (SP): brown (10YR 4/3), dry, 95% fine to medium sand, 5% nonplastic fines	
25						
26			14 27 32			
27						
28						
29						
30						
31			27 31 40			
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-5 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34						
35						
36			16 22 31			PureGold medium bentonite chip seal
37						
38						
39						12" diameter borehole
40					wet	
41			13 13 17			6" diameter Schedule 80 PVC casing
42						
43					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), wet, 60% fine to coarse sand, 40% fine gravel	
44						
45						#10/20 Colorado Silica filter sand
46			10 13 22			
47						
48						
49					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% fine to coarse sand, 5% fine gravel	
50					trouble drilling this interval, blow counts not representative	6" diam., 0.020" slot, V-wire wrap, Sched. 40 PVC screen
51			5			

OAKWELLV_TOC(REV. 9/00)

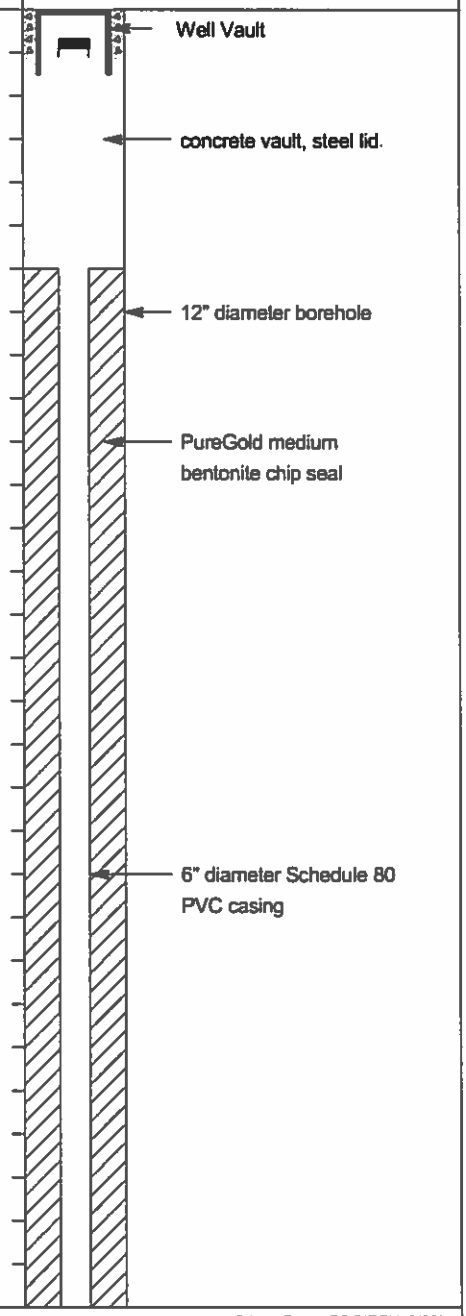
PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-5 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52			5 8			
53						
54						
55					No samples taken to combat heaving sands	12" diameter borehole
56						
57						6" diameter, 0.020" slot, V-wire wrap, Schedule 40 PVC screen
58						#10/20 Colorado Silica filter sand
59						
60						6" Schedule 40 PVC, 3' sump
61						
62						
63						
64						native sand
65					Bottom of boring at 65'	
66						
67						
68						
69						

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. EW-6**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/19/07 / DATE FINISHED: 11/19/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 64.0 / SCREEN INTERVAL (ft.): 49.4 to 58.8
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST ~37.5, COMPL. 39.2 / CASING: 6" Sched. 80 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
5			10 12 13		POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark grayish brown (10YR 4/2), moist, 55% fine to coarse sand, 35% fine and coarse subangular to subrounded gravel, 10% non-plastic fines.	
10			10 10 16			



PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-6 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			20 27 26		POORLY GRADED SAND with SILT and GRAVEL (SP-SM): Cont. No recovery, cobble blocked sampler.	12" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						6" diameter Schedule 80 PVC casing
20						
21			11 19 26		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine to coarse sand, 5% nonplastic fines	
22						
23						
24						
25						
26			27 30 34			
27						
28						
29					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 55% fine to coarse sand, 40% fine gravel, 5% nonplastic fines	
30						
31			12 15 21		POORLY GRADED SAND (SP):	
32						
33						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-6 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND with GRAVEL (SP): Cont.	
35					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine to coarse sand, 5% nonplastic fines	
36			15 19 25		POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 55% fine to coarse sand, 40% fine subangular gravel, 5% nonplastic fines, oxidized yellowish-red mottles	PureGold medium bentonite chip seal
37						
38						
39						12" diameter borehole
40					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% fine to coarse sand, 5% nonplastic fines	
41			10 16 23			6" diameter Schedule 80 PVC casing
42						
43						
44					POORLY GRADED SAND with SILT (SP-SM): dark grayish brown (10YR 4/2), wet, 90% fine to medium sand, 10% nonplastic fines	
45						#10/20 Colorado Silica filter sand
46			11 9 15		POORLY GRADED SAND with GRAVEL (SP):	
47						
48						
49					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% fine to coarse sand, 5% nonplastic fines	
50						6" diam., 0.020" slot, V-wire wrap, Sched. 40 PVC screen
51			5			

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-6 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52		X	11 15		POORLY GRADED SAND (SP): Cont. cobble	
53						
54						
55					No samples taken to combat heave	12" diameter borehole
56						
57						6" diameter, 0.020" slot, V-wire wrap, Schedule 40 PVC screen
58						#10/20 Colorado Silica filter sand
59						
60					Drillers had difficulty drilling below 60'. At 60', hard-packed dry sand, possibly ground-up rock (dark greenish gray,10G 4/1).	6" Schedule 40 PVC, 3' sump
61					SANDY SILT (ML): 10Y 4/2 60% fine and medium sand, 40% low plasticity silt	
62						
63						
64					Bottom of boring at 64'	
65						
66						
67						
68						
69						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. EW-7**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/20/07 / DATE FINISHED: 11/20/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 65.0 / SCREEN INTERVAL (ft.): 49 to 59
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40.0, COMPL. 39.6 / CASING: 6" Sched. 80 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						concrete vault, steel lid.
2						
3						
4					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): very dark grayish brown (10YR 3/2), moist, 75% fine to coarse sand, 15% fine and coarse gravel, 10% nonplastic fines	12" diameter borehole
5						
6			10 12 15		POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (2.4Y 4/2), moist, 75% fine to coarse sand, 20% fine and coarse gravel, 5% nonplastic fines	Pure Gold Medium Bentonite Chips
7						
8						6" Schedule 80 PVC casing
9						
10					POORLY GRADED GRAVEL with SAND (GP): dark grayish brown (10YR 4/2), moist, 50% fine and coarse gravel, 45% fine to coarse sand, 5% nonplastic fines	
11			10 13 18			
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-7 (cont'd)

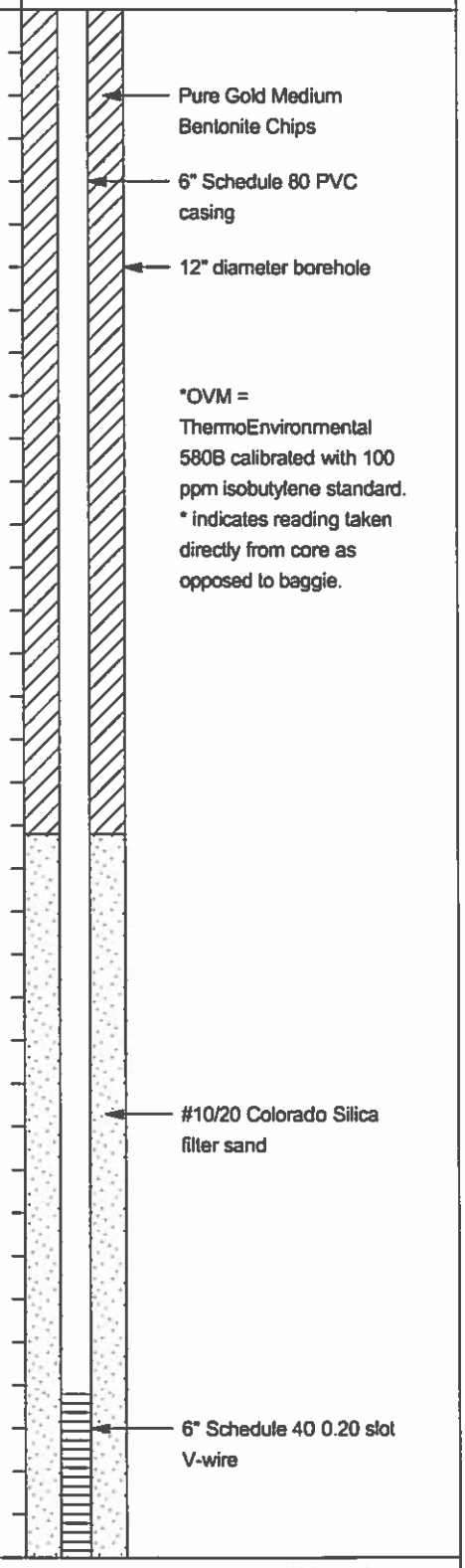
DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			17 22 29		POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 55% fine to coarse sand, 40% fine and coarse gravel, 5% nonplastic fines	12" diameter borehole
17						Pure Gold Medium Bentonite Chips
18						
19						
20						
21			15 19 26	0"		
22						
23						6" Schedule 80 PVC casing
24						
25						
26			17 17 23			
27						
28						
29						
30					cobble	
31					POORLY GRADED SAND (SP): dark grayish brown (2.4Y 4/2), moist, 95% fine to coarse sand, 5% nonplastic fines	
32			16 20 28			
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-7 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	Pure Gold Medium Bentonite Chips
35					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (2.4Y 4/2), moist, 80% fine to coarse sand, 15% fine gravel, 5% nonplastic fines	6" Schedule 80 PVC casing
36			20 27 30			12" diameter borehole
37						
38						*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
39						
40					dark grayish brown (10YR 4/2), wet	
41			17 24 30	0*		
42						
43						
44						
45					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% fine to coarse sand, 5% fine gravel	
46			17 26 30			#10/20 Colorado Silica filter sand
47						
48						
49						
50					no gravel, 5% nonplastic fines	6" Schedule 40 0.20 slot V-wire
51			12	0*		



OAKWELLV_TOC(REV 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. EW-7 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52			19 46		POORLY GRADED SAND (SP): Cont.	6" Schedule 40 0.20 slot V-wire
53						#10/20 Colorado Silica filter Sand
54						
55						*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
56			13 19 21			
57						
58						
59						
60						6" Schedule 80 PVC endcap
61						
62						
63						
64						Native Slough
65					Bottom of boring at 65'	
66						
67						
68						
69						

PROJECT: Former J.H. Baxter Facility Arlington, Washington		**Log of Well No. Explanation**	
BORING LOCATION:		TOP OF CASING ELEVATION AND DATUM:	
DRILLING CONTRACTOR:		DATE STARTED:	DATE FINISHED:
DRILLING METHOD:		TOTAL DEPTH (ft.): 15.0	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:		DEPTH TO WATER (ft.): FIRST / COMPL.	CASING:
SAMPLING METHOD:		LOGGED BY:	
HAMMER WEIGHT:	DROP:	RESPONSIBLE PROFESSIONAL:	REG. NO.

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation:	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1–15	DMW-3-8.5					

Notes

1. Soil descriptions are in accordance with the USCS as set forth by ASTM D2488-90 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)."
2. Soil color described according to Munsell Color Chart.
3. Dashed lines separating soil strata represent inferred boundaries between sampled intervals that may be abrupt or gradual transitions.
4. Solid lines represent approximate boundaries observed within sample intervals.
5. OVM = organic vapor meter, reading in volumetric parts per million. * indicates reading taken directly from soil core as opposed to baggie.
6. Odor, if noted is subjective and not necessarily indicative of specific compounds or concentrations.
7. NA = Not applicable.
8. ND = No data.

Interval of soil sampled for chemical or geotechnical analysis.

Interval of recovered soil collected with split spoon sampler.

Interval of no recovery.

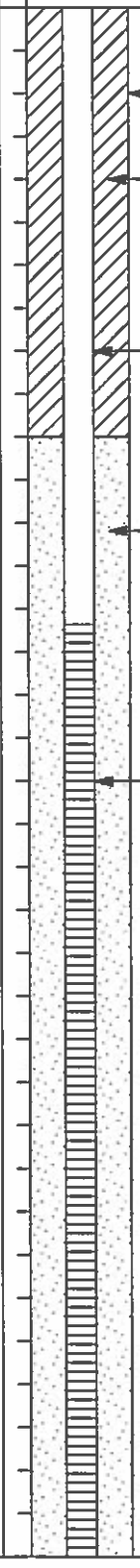
PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-19**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/29/07 / DATE FINISHED: 11/29/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 40.0 / SCREEN INTERVAL (ft.): 22.2 to 36.6
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST ~35, COMPL. 27.5 / CASING: 4" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark grayish brown (10YR 4/2), moist, 60% fine to coarse sand, 30% fine gravel, 10% low plasticity fines	
4						10" diameter borehole
5						
6			9 10 14	0*		PureGold medium bentonite chip seal
7						
8						4" diameter Schedule 40 PVC casing
9					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 55% fine to coarse sand, 40% fine subrounded to subangular gravel, 5% low plasticity fines, purplish-red mottles	
10						*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
11			12 15 18	0*		
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-19 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.
16			15 18 26	0*	very dark grayish brown (10YR 3/2), POORLY GRADED SAND with GRAVEL (SP): Cont. No mottles
17					
18					
19					
20					No recovery: Drillers lost sampler down hole. Sampler pounded off to the side to get it out of the way.
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					10YR 4/2
31			13 15 19	3.1*/4	
32					
33					



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

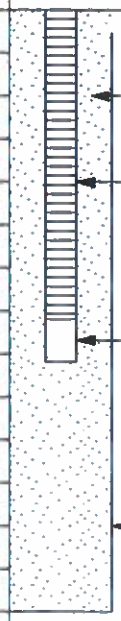
- 10" diameter borehole
- PureGold medium bentonite chip seal
- 4" diameter Schedule 40 PVC casing
- #10/20 Colorado Silica filter sand
- 4" diameter, 0.20 slot V-wire wrap, Schedule 40 PVC screen

*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-19 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND with GRAVEL (SP): Cont.	
35					wet. Blackish oily sheen that floats when sprayed with DI water.	
36			50 for 4	6.2*/10		
37						
38						
39						
40					Bottom of boring at 40'. Sample not characterized: appears to be product free.	
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						



#10/20 Colorado Silica filter sand

4" diameter, 0.20 slot V-wire wrap, Schedule 40 PVC screen

4" Schedule 40 PVC endcap

10" diameter borehole

*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-20**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/30/07 / DATE FINISHED: 11/30/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 35.5 / SCREEN INTERVAL (ft.): 19.8 to 34.2
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST ~25, COMPL. 30 / CASING: 4" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						Collapsed native fill
4					POORLY GRADED SAND with GRAVEL (SP): brown (10YR 4/3), moist, 75% fine to coarse sand, 20% fine gravel, 5% nonplastic fines.	10" diameter borehole
5						
6			15 15 12		Poorly graded sand with silt (SP-SM) POORLY GRADED SAND (SP): dark grayish brown (2.5Y 5/2), moist, 95% fine to medium sand, 5% nonplastic fines	PureGold medium bentonite chip seal
7						
8						4" diameter Schedule 40 PVC casing
9						
10					POORLY GRADED SAND with GRAVEL (SP): dark yellowish brown (10YR 4/4), moist, 75% fine to coarse sand, 20% fine and coarse gravel, 5% nonplastic fines	*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
11			12 12 14		dark grayish brown (10YR 4/2),	
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-20 (cont'd)

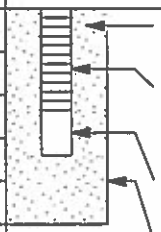
DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			13 19 23		POORLY GRADED SAND with GRAVEL (SP): Cont. alternating 4-inch bands of 10YR 4/4 (dark yellowish brown) and 10YR 4/2 (dark grayish brown). 30% gravel.	10" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						#10/20 Colorado Silica filter sand 4" diameter Schedule 40 PVC casing
20					dark grayish brown (10YR 4/2),	
21			15 18 22	0*		
22						
23						
24						4" diameter, 0.20 slot V-wire wrap, Schedule 40 PVC screen
25					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), wet, 95% fine to medium sand, 5% nonplastic fines	
26			15 18 20	0*		*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
27						
28						
29						
30						
31			14 20 28	0*	Silty sand (SM)	
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-20 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): cont.	
35					Bottom of boring at 35'. Poorly graded sand with silt (SP-SM)	
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						

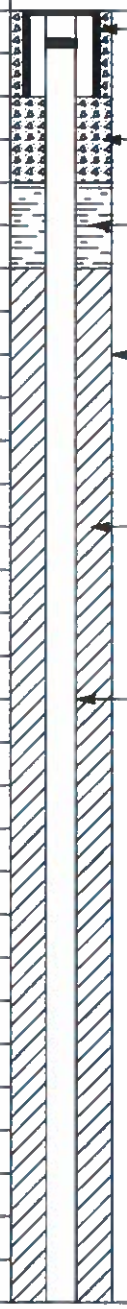


#10/20 Colorado Silica filter sand
4" diameter, 0.20 slot V-wire wrap, Schedule 40 PVC screen
4" Schedule 40 PVC endcap
10" diameter borehole

*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard.
* indicates reading taken directly from core as opposed to baggie.

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-21**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/30/07 / DATE FINISHED: 11/30/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 38.0 / SCREEN INTERVAL (ft.): 22.2 to 36.6
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 35, COMPL. 33.7 / CASING: 4" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed
5			18 50 for 3	0.2*	POORLY GRADED GRAVEL with SAND (GP): very dark grayish brown (10YR 3/2), moist, 60% fine and coarse gravel, 35% fine to coarse sand, 5% nonplastic fines, wood shreds
9					wood debris
10			31 50 for 3	2.1*	
11					POORLY GRADED SAND with GRAVEL dark grayish brown (10YR 4/2), moist, 75% fine to medium sand, 20% fine gravel, 5% nonplastic fines, wood shreds
15					75% wood debris, 15% gravel, 10% sand



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-21 (cont'd)

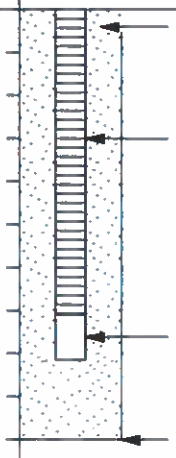
DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			23 23 27	1*	wood debris cont. POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 55% fine to coarse sand, 40% fine and coarse gravel, 5% nonplastic fines dark gray (10YR 4/1),	10" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						4" diameter Schedule 40 PVC casing
20						
21			23 19 25		wood debris	#10/20 Colorado Silica filter sand
22						
23						
24						4" diameter, 0.20 slot V-wire wrap, Schedule 40 PVC screen
25					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), moist, 90% fine to coarse sand, 5% fine gravel, 5% nonplastic fines	
26			23 26 30		Poorly graded gravel with sand (GP)	*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
27						
28						
29						
30						
31			18 20 25	1.4*		
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-21 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	
35			10 13 18	0.7*	POORLY GRADED SAND with SILT (SP-SM): olive brown (2.5Y 4/3), wet, 90% fine to medium sand, 10% nonplastic fines, iron staining in water when sprayed with DI.	
36						
37					Bottom of boring at 35'	
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						



*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-22**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/26/07 / DATE FINISHED: 11/26/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.4 to 45.2
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. NA / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						
4						8" diameter borehole
5					POORLY GRADED SAND with SILT (SP-SM): dark yellowish brown (10YR 4/4), moist, 90% fine to medium sand, 10% nonplastic fines	
6			16 17 16			PureGold medium bentonite chip seal
7						
8						2" diameter Schedule 40 PVC casing
9						
10					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 75% fine to coarse sand, 20% fine and coarse gravel, 5% nonplastic fines. Cobble blocked sampler; no recovery in bottom foot.	
11			12 14 18			
12						
13						
14						
15						

*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-22 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			14 17 22	0.2*	POORLY GRADED GRAVEL with SAND (GP): dark grayish brown (10YR 4/2), moist, 55% fine and coarse subangular to subrounded gravel, 40% fine to coarse sand, 5% nonplastic fines, reddish oxidized mottles	8" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20						
21			17 20 22	0.4*	POORLY GRADED SAND with GRAVEL (SP): dark brown (10YR 3/2), moist, 65% fine to coarse sand, 30% fine gravel, 5% nonplastic fines	
22						
23						
24						2" diameter, 0.20 slot, Schedule 40 PVC screen
25						
26			12 12 15	0.3*	POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine and medium sand, 5% nonplastic fines	*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
27						
28						
29						
30						
31			10 12 17	0.2*	SILTY SAND (SM): dark grayish brown (2.5Y 4/2), moist, 80% fine and medium sand, 20% nonplastic fines	
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-22 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					SILTY SAND (SM): Cont.	
35					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), moist, 95% fine and medium sand, 5% nonplastic fines	#10/20 Colorado Silica filter sand
36			15 18 25		SILTY SAND (SM): dark grayish brown (2.5Y 4/2), wet, 80% fine and medium sand, 20% nonplastic fines	
37						2" diameter, 0.20 slot, Schedule 40 PVC screen
38						
39						8" diameter borehole
40						
41			13 15 21			*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
42						
43						
44						
45					POORLY GRADED SAND with SILT (SP-SM): dark grayish brown (2.5Y 4/2), wet, 90% fine and medium sand, 10% nonplastic fines	
46			14 16 20		Bottom of boring at 46'	2" Schedule 40 PVC endcap
47						
48						
49						
50						
51						

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-23**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 12/01/07 / DATE FINISHED: 12/01/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.2 to 45.0
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. 38.6 / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						Collapsed native fill
4						8" diameter borehole
5					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 65% fine to coarse sand, 30% fine gravel, <5% nonplastic fines	
6			10 12 15			PureGold medium bentonite chip seal
7						
8						2" diameter Schedule 40 PVC casing
9						
10						
11			50 for 4			
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-23 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			18 50 for 4		POORLY GRADED SAND with GRAVEL (SP): cont.	8" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20						
21			15 15 22		POORLY GRADED SAND (SP): very dark grayish brown (10YR 3/2), moist, 75% fine to coarse sand, 10% fine gravel, 5% nonplastic fines	
22						
23						
24						
25						
26			18 21 28		dark grayish brown (2.5Y 4/2), 95% fine to medium sand, no gravel	*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
27						
28						
29						
30						
31			18 21 26		POORLY GRADED SAND with SILT (SP-SM): dark grayish brown (2.5Y 4/2), moist, 90% fine to medium sand, 10% nonplastic fines Silty sand (SM)	
32						
33						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-23 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND with SILT (SP-SM): Cont.	#10/20 Colorado Silica filter sand
35					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), moist, 95% fine to medium sand, <5% nonplastic fines	
36			18 23 30			
37						2" diameter, 0.20 slot, Schedule 40 PVC screen
38						
39						8" diameter borehole
40					dark grayish brown (10YR 4/2), wet	
41			19 25 31			
42						
43						
44						
45					Poorly graded sand with silt (SP-SM)	2" Schedule 40 PVC endcap
46			23 30 33		very dark grayish brown (10YR 3/2), Silty sand (SM).	
47					Bottom of boring at 46'	
48						
49						
50						
51						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-24**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/27/07 / DATE FINISHED: 11/27/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.4 to 45.2
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. NA / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						
4						8" diameter borehole
5						
6			10 15 18	0*	POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (2.5Y 4/2), moist, 65% fine to coarse sand, 30% fine and coarse gravel, 5% nonplastic fines	PureGold medium bentonite chip seal
7						
8						2" diameter Schedule 40 PVC casing
9						
10						
11			10 16 20	0.2*		*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-24 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			16 20 20	0*	POORLY GRADED SAND with GRAVEL(SP): Cont	8" diameter borehole
					Poorly graded sand (SP)	
17						PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20						
21			10 12 13	0*	POORLY GRADED SAND with SILT (SP-SM): dark grayish brown (2.5Y 4/2), moist, 90% fine and medium sand, 10% nonplastic fines	
22						
23						
24						
25						
26			10 14 17	0*		*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
27						
28						
29						
30					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), moist, 95% medium sand, 5% nonplastic fines	
31			13 15 16		Poorly graded sand with silt (SP-SM)	
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

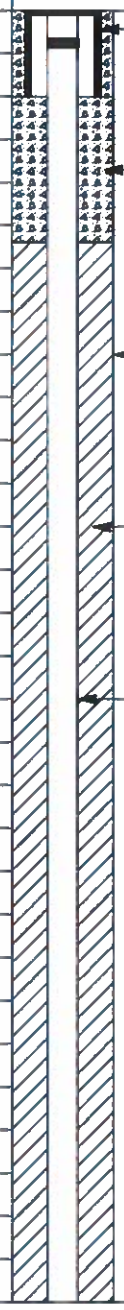
Log of Well No. MW-24 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	2" diameter Schedule 40 PVC casing
35					dark grayish brown (10YR 4/2), with 10% fine gravel	#10/20 Colorado Silica filter sand
36			15 18 20	0.2*		
37						2" diameter, 0.20 slot, Schedule 40 PVC screen
38						
39						8" diameter borehole
40					POORLY GRADED GRAVEL with SAND (GP): dark grayish brown (10YR 4/2), wet, 60% fine gravel, 35% fine to coarse sand, 5% nonplastic fines	
41			18 21 26			*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
42						
43						
44						
45					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% fine to coarse sand, 5% nonplastic fines	2" Schedule 40 PVC endcap
46			18 21 27	0.1*	Bottom of boring at 46'	
47						
48						
49						
50						
51						

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-25**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/28/07 / DATE FINISHED: 11/28/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.5 to 45.3
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. NA / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.
					Surface Elevation: To be surveyed
5			10 15 17	0*	POORLY GRADED SAND with SILT and GRAVEL (SP-SM): very dark gray (10YR 3/1), wet, 70% fine to coarse sand, 20% fine gravel, 10% nonplastic fines
10			10 10 19		

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS



*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-25 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			50 for 6		POORLY GRADED SAND with SILT and GRAVEL (SP-SM): Cont.	8" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 60% fine to coarse sand, 35% fine gravel, 5% nonplastic fines	
21			17 20 25	0*	POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine to coarse sand, 5% nonplastic fines	
22						
23						
24						
25					SILTY SAND (SM): dark grayish brown (2.5Y 4/2), moist, 85% fine and medium sand, 15% nonplastic fines	
26			17 17 20	0*		*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
27						
28						
29						
30					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), moist, 95% fine and medium sand, 5% nonplastic fines	
31			16 19 24	0*		
32						
33						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-25 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	2" diameter Schedule 40 PVC casing
35						#10/20 Colorado Silica filter sand
36			16 20 27	0*		
37						2" diameter, 0.20 slot, Schedule 40 PVC screen
38						
39						8" diameter borehole
40					POORLY GRADED SAND with SILT (SP-SM): dark grayish brown (2.5Y 4/2), wet, 90% fine and medium sand, 10% nonplastic fines	
41			15 18 23			*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
42						
43						
44						
45					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 85% fine to coarse sand, 10% fine gravel, 5% nonplastic fines, thin lenses of silty sand	
46			13 17 23	0*	Bottom of boring at 46'	2" Schedule 40 PVC endcap
47						
48						
49						
50						
51						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-26**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/20/07 / DATE FINISHED: 11/20/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.4 to 46.2
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 38, COMPL. NA / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						Collapsed native fill
4					POORLY GRADED SAND with GRAVEL (SP): brown (10YR 4/3), moist, 65% fine to coarse sand, 30% fine gravel, 5% nonplastic fines	8" diameter borehole
5						
6			7 7 9		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 85% fine to coarse sand, 10% fine gravel, <5% nonplastic fines	PureGold medium bentonite chip seal
7						
8						2" diameter Schedule 40 PVC casing
9						
10					POORLY GRADED SAND with GRAVEL (SP): brown (10YR 4/3), moist, 80% fine to coarse sand, 15% fine gravel, 5% nonplastic fines	
11			17 20 25		35% gravel	
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-26 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			18 22 27		POORLY GRADED SAND with GRAVEL (SP): Cont. cobble	8" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20					(10YR 4/2), red oxidized mottles	
21			22 27 30			
22						
23						
24						
25					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), moist, 95% fine and medium sand, 5% nonplastic fines	
26			10 12 12			
27						
28						
29						
30					sand fraction coarser (medium-grained)	
31			15 21 20			
32						
33						

OAKWELLV_TOC(REV. 9/00)

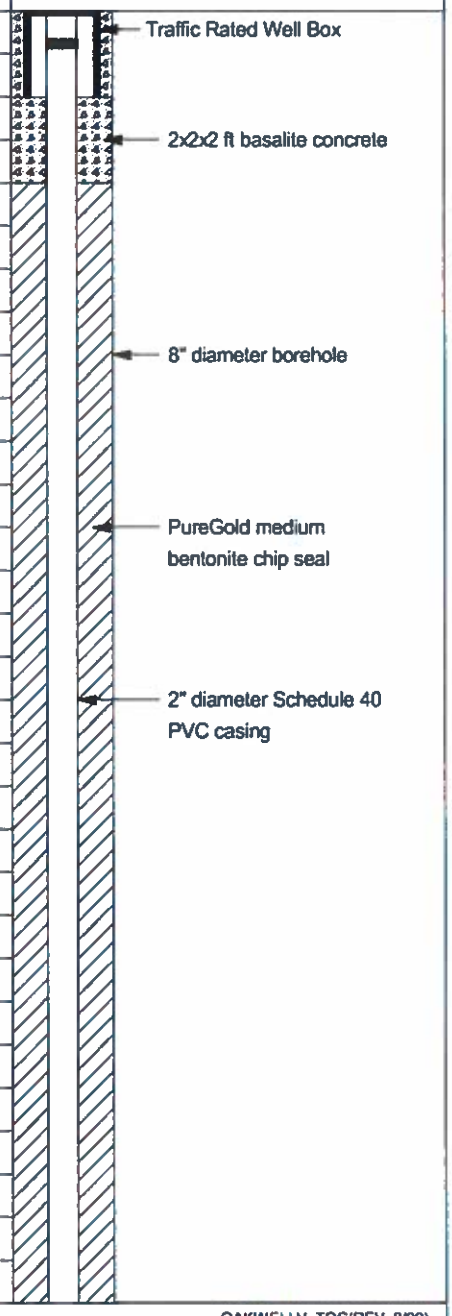
PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-26 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	2" diameter Schedule 40 PVC casing
35						#10/20 Colorado Silica filter sand
36			21 27 32		POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 75% fine to coarse sand, 20% fine gravel, 5% nonplastic fines	
37						
38						2" diameter, 0.20 slot, Schedule 40 PVC screen
39						
40						8" diameter borehole
41			18 21 31	0*	POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% fine to coarse sand, <5% nonplastic fines	
42						*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
43						
44						
45						
46			21 27 26	0*	Bottom of boring at 46'	2" Schedule 40 PVC endcap
47						
48						
49						
50						
51						

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-27**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/26/07 / DATE FINISHED: 11/26/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.4 to 45.1
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. 40.3 / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed
1					
2					
3					
4					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): olive brown (2.5Y 4/3), moist, 60% fine to coarse sand, 30% fine gravel, 10% nonplastic fines
5					
6			13 13 15	0*	POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 65% fine to coarse sand, 30% gravel, 5% nonplastic fines
7					
8					
9					
10					No recovery: Cobble blocked sampler.
11					
12					
13					
14					
15					



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-27 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			15 18 22		POORLY GRADED SAND with GRAVEL (SP): Cont. oxidized red mottles	8" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20					15% gravel	
21			20 22 23	0.1*		
22						
23						
24						
25					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine and medium sand, 5% nonplastic fines	
26			19 20 22			*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
27						
28						
29						
30					(2.5Y 4/2),	
31			19 26 30		(10% gravel. Sand fraction coarser.),	
32						#10/20 Colorado Silica filter sand
33						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-27 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	2" diameter Schedule 40 PVC casing
35						#10/20 Colorado Silica filter sand
36			24 26 30	0.3*	POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 75% fine to coarse sand, 20% fine gravel, 5% nonplastic fines	
37						2" diameter, 0.20 slot, Schedule 40 PVC screen
38						
39						8" diameter borehole
40					wet	
41			23 27 35	0.2*		*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
42						
43						
44						
45					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% fine to coarse sand, 5% nonplastic fines	2" Schedule 40 PVC endcap
46			28 31 37		Bottom of boring at 46'	
47						
48						
49						
50						
51						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-28**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 12/01/07 / DATE FINISHED: 12/03/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.1 to 45.0
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. 33.55 / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						Collapsed native fill
4						10" diameter borehole
5						
6			8 5 10		POORLY GRADED SAND with SILT (SP-SM): very dark brown (10YR 2/2), moist, 85% fine to coarse sand, 10% nonplastic fines, 5% fine gravel, roots	PureGold medium bentonite chip seal
7						
8						4" diameter Schedule 40 PVC casing
9						
10						
11			5 7 7		POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 65% fine to coarse sand, 30% fine gravel, 5% nonplastic fines	
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-28 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			13 13 15		POORLY GRADED SAND with GRAVEL (SP): Cont. dark gray (10YR 4/1),	10" diameter borehole
					cobble	
17						PureGold medium bentonite chip seal
18						
19						4" diameter Schedule 40 PVC casing
20						
21			14 18 25		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 85% fine to coarse sand, 10% fine gravel, 5% nonplastic fines	
22						
23						
24						
25						
26			14 15 19		dark grayish brown (2.5Y 4/2), 95% fine to medium sand, 5% nonplastic fines	
27						
28						
29						
30						
31			15 18 24		SILTY SAND (SP-SM):	
32						
33						

OAKWELLV_TOC(REV. 9/00)

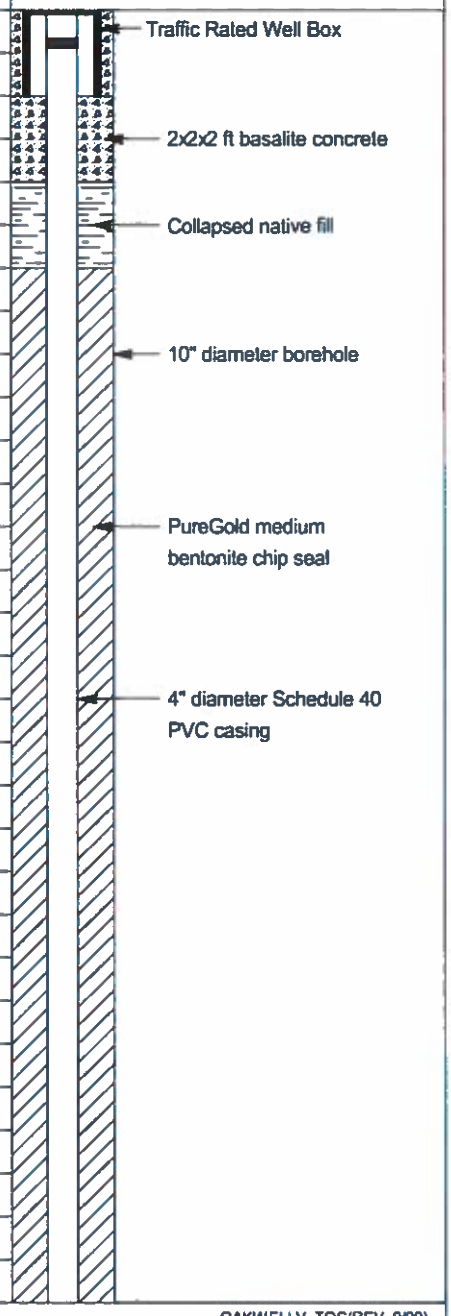
PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-28 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	2" diameter Schedule 40 PVC casing
35						#10/20 Colorado Silica filter sand
36			14 16 21		SILTY SAND (SP-SM):	
37						2" diameter, 0.20 slot, Schedule 40 PVC screen
38						
39						8" diameter borehole
40						
41			14 15 19		SILTY SAND (SP-SM):	
42						
43						
44						
45					dark grayish brown (10YR 4/2), with 5% fine gravel. Sand fraction coarser, 1 inch lenses of SP-SM	2" Schedule 40 PVC endcap
46			15 19 26		Bottom of boring at 46'	
47						
48						
49						
50						
51						

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-29**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 12/03/07 / DATE FINISHED: 12/03/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.2 to 45.0
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 36, COMPL. 38 / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
5			10 12 13		POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 80% fine to coarse sand, 15% fine gravel, 5% nonplastic fines, red oxidized mottles	
10			15 14 15			



PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-29 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			15 16 20		POORLY GRADED SAND with GRAVEL (SP): Cont.	10" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						4" diameter Schedule 40 PVC casing
20						
21			14 17 21		POORLY GRADED SAND (SP): dark gray (10YR 4.1), moist, 95% fine to medium sand, 5% nonplastic fines	
22						
23						
24						
25					dark grayish brown (2.5Y 4/2),	
26			19 18 23		SILTY SAND (SP-SM):	
27						
28						
29						
30						
31			15 19 26			
32						
33						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-29 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	2" diameter Schedule 40 PVC casing
35					dark grayish brown (10YR 4/2),	#10/20 Colorado Silica filter sand
36			15 19 23		wet	
37						2" diameter, 0.20 slot, Schedule 40 PVC screen
38						
39						8" diameter borehole
40						
41			16 18 24			
42						
43						
44						
45					very dark gray (10YR 3/1), sand fraction coarser	2" Schedule 40 PVC endcap
46			15 19 25		with 10% gravel.	
47					Bottom of boring at 46'	
48						
49						
50						
51						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-30**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 12/04/07 / DATE FINISHED: 12/04/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.0 to 44.8
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. NA / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						Collapsed native fill
4						10" diameter borehole
5					POORLY GRADED SAND with SILT (SP-SM): black (2.5Y 2.5/1), moist, 90% fine to medium sand, 10% nonplastic fines, plant debris, marbled with deep black	
6			11 11 13		POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 55% fine to coarse sand, 40% fine and coarse gravel, 5% nonplastic fines	PureGold medium bentonite chip seal
7						
8						4" diameter Schedule 40 PVC casing
9						
10						
11			13 15 15			
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-30 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			15 18 22		POORLY GRADED SAND with GRAVEL (SP): Cont.	10" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						4" diameter Schedule 40 PVC casing
20					15% gravel, 80% sand	
21			16 18 23			
22						
23						
24						
25					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 90% fine to coarse sand, 5% fine gravel, 5% nonplastic fines, oxidized yellowish-red mottles	
26			17 21 28			
27						
28						
29						
30					no gravel	
31			16 18 25			
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-30 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	2" diameter Schedule 40 PVC casing
35						#10/20 Colorado Silica filter sand
36			15 21 27		cobble	
37						
38						2" diameter, 0.20 slot, Schedule 40 PVC screen
39						
40					wet	8" diameter borehole
41			17 20 26			
42						
43						
44						
45						2" Schedule 40 PVC endcap
46			18 26 30		Bottom of boring at 46'	
47						
48						
49						
50						
51						

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-31**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 12/04/07 / DATE FINISHED: 12/04/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 46.0 / SCREEN INTERVAL (ft.): 35.4 to 45.2
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. NA / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						Collapsed native fill
4						10" diameter borehole
5					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 75% fine to coarse sand, 20% fine and coarse gravel, 5% nonplastic fines	
6			11 14 18		brown (10YR 4/3),	PureGold medium bentonite chip seal
7						
8						4" diameter Schedule 40 PVC casing
9					POORLY GRADED GRAVEL with SAND (GP): brown (10YR 4/3), moist, 55% fine and coarse gravel, 40% fine to coarse sand, 5% nonplastic fines	
10						
11			12 15 20		POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 60% fine to coarse sand, 35% fine gravel, 5% nonplastic fines	
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-31 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			12 15 17		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 90% fine to coarse sand, 5% fine gravel, 5% nonplastic fines	10" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						4" diameter Schedule 40 PVC casing
20						
21			13 18 21		SILTY SAND (SM): dark gray (2.5Y 4/1), moist, 85% fine to medium sand, 15% nonplastic fines	
22						
23						
24						
25						
26			14 19 25			
27						
28						
29						
30					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), moist, 95% medium sand, <5% nonplastic fines	
31			17 22 25			
32						
33						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-31 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	2" diameter Schedule 40 PVC casing
35						#10/20 Colorado Silica filter sand
36			16 21 24			
37						2" diameter, 0.20 slot, Schedule 40 PVC screen
38						
39						8" diameter borehole
40					wet	
41			15 24 29			
42						
43						
44						
45						2" Schedule 40 PVC endcap
46			16 20 25		Bottom of boring at 46'	
47						
48						
49						
50						
51						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-32**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/28/07 / DATE FINISHED: 12/01/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 61.0 / SCREEN INTERVAL (ft.): 50.0 to 59.8
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. 40.5 / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						
4						8" diameter borehole
5					POORLY GRADED SAND with GRAVEL (SP): dark gray (2.5Y 4/1), wet, 65% fine to coarse sand, 30% fine gravel, 5% nonplastic fines	
6			15 6 5	0*	moist wood debris	PureGold medium bentonite chip seal
7						
8						2" diameter Schedule 40 PVC casing
9						
10						
11			6 6 7	0*		
12						
13						
14						
15						

*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-32 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			17 20 24	0*	wood debris cont.	8" diameter borehole
17					POORLY GRADED GRAVEL with SAND (GP): dark greenish gray (10Y 4/1), moist, 60% fine and coarse gravel, 35% fine to coarse sand, 5% nonplastic fines	PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20						
21			16 19 24		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% medium sand, 5% nonplastic fines	
22						
23						
24						
25						
26			16.20.28		SILTY SAND (SM): dark grayish brown (2.5Y 4/2), moist, 80% fine to medium sand, 20% nonplastic fines	*OVM = ThermoEnvironmental 580B calibrated with 100 ppm isobutylene standard. * indicates reading taken directly from core as opposed to baggie.
27						
28						
29						
30					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), moist, 95% fine to medium sand, 5% nonplastic fines	
31			15 17 22			
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-32 (cont'd)

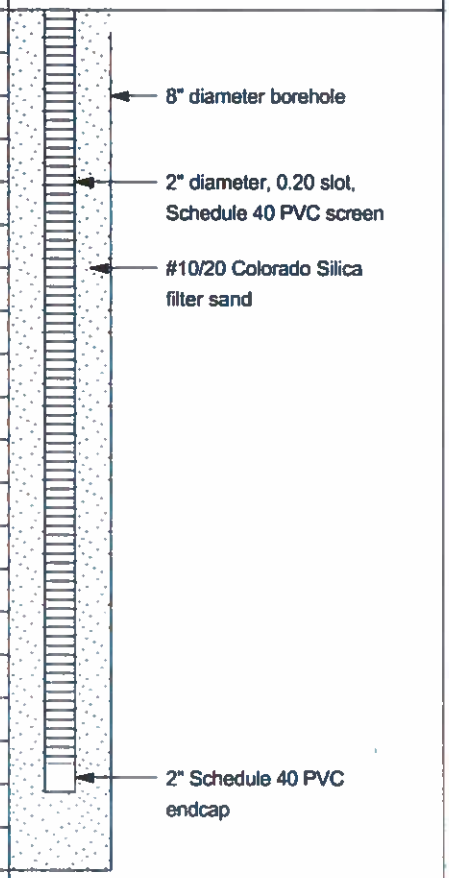
DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	
35						PureGold medium bentonite chip seal
36			17 20 24			
37						
38						
39						
40					wet	
41			14 15 20		SILTY SAND (SM): dark grayish brown (2.5Y 4/2), wet, 80% fine to medium sand, 20% nonplastic fines	
42						
43						
44						
45					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), wet, 95% fine to coarse sand, 5% nonplastic fines	
46			15 19 26		Silty sand (SM)	
47						2" diameter Schedule 40 PVC casing
48						#10/20 Colorado Silica filter sand
49						
50						
51			18		dark grayish brown (10YR 4/2),	2" diameter, 0.20 slot, Schedule 40 PVC screen

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-32 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52			22 27		POORLY GRADED SAND (SP): Cont.	
53						
54						
55						
56			18 20 26			
57						
58						
59						
60						
61			18 20 28		Bottom of boring at 61'	
62						
63						
64						
65						
66						
67						
68						
69						



PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-33**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/27/07 / DATE FINISHED: 11/27/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 61.0 / SCREEN INTERVAL (ft.): 50.3 to 59.8
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 40, COMPL. NA / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						Collapsed native fill
4						8" diameter borehole
5					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (2.5Y 4/2), moist, 75% fine to coarse sand, 20% fine gravel, 5% nonplastic fines	
6			12 16 16			PureGold medium bentonite chip seal
7						
8						2" diameter Schedule 40 PVC casing
9						
10					dark gray (2.5Y 4/1),	
11			10 15 16			
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-33 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			13 17 20		POORLY GRADED SAND with GRAVEL (SP): Cont. dark grayish brown (10YR 4/2),	8" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20						
21			18 22 26			
22						
23						
24						
25						
26			20 18 25		SILTY SAND (SM): grayish brown (2.5Y 5/2), moist, 80% fine and medium sand, 20% nonplastic fines	
27						
28						
29						
30					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine to coarse sand, 5% nonplastic fines	
31			22 26 35			
32						
33						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-33 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont.	
35						PureGold medium bentonite chip seal
36			22 26 30			
37						
38						
39						
40					POORLY GRADED GRAVEL with SAND (GP): dark grayish brown (10YR 4/2), wet, 65% fine and coarse gravel, 30% fine to coarse sand, 5% nonplastic fines	
41			20 22 27			
42						
43						
44						
45						
46			27 30 35		no coarse gravel	
47						
48						2" diameter Schedule 40 PVC casing
49						#10/20 Colorado Silica filter sand
50						
51			22			2" diameter, 0.20 slot,

OAKWELLV_TOC(REV. 9/00)

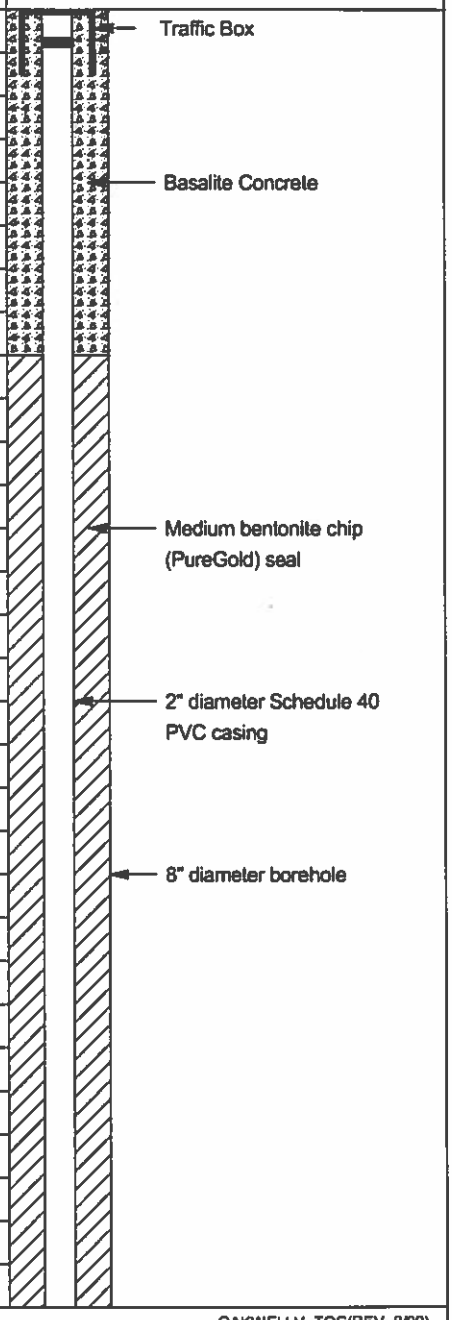
PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-33 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52			24 29		POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark grayish brown (2.5Y 4/2), wet, 75% fine to coarse sand, 15% fine gravel, 10% nonplastic fines	Schedule 40 PVC screen 8" diameter borehole
53						2" diameter, 0.20 slot, Schedule 40 PVC screen
54						#10/20 Colorado Silica filter sand
55						
56			27 32 36		POORLY GRADED SAND (SP): dark gray (10YR 4/1), wet, 95% fine to coarse sand, 5% nonplastic fines	
57						
58						
59						
60						2" Schedule 40 PVC endcap
61			28 32 27		Bottom of boring at 61'	
62						
63						
64						
65						
66						
67						
68						
69						

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-34**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 09/27/07 / DATE FINISHED: 09/27/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 60.5 / SCREEN INTERVAL (ft.): 50.5 to 60.3
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST 38.0, COMPL. NA / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Z. Satterwhite, L.G. 2568
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: J. Long / REG. NO. L.Hg. 1354

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed
1			14		SANDY SILT (ML): brown (10YR 4/3), dry, 60% fines, 30% fine to coarse sand, 10% fine gravel, low plasticity, soft, roots
2			14		
3					SILTY SAND (SM)
4			14		POORLY GRADED SAND with SILT and GRAVEL (SP-SM): grayish brown (10YR 5/2), dry, 60% fine to coarse sand, 30% fine and coarse gravel, 10% low plasticity fines
5			16		moist
6					POORLY GRADED SAND with GRAVEL (SP): very dark grayish brown (10YR 3/2), moist, 60% fine to coarse sand, 40% fine and coarse subangular to subrounded gravel
7			27		
8			46		
9					POORLY GRADED GRAVEL with SAND (GP): dark grayish brown (10YR 4/2), moist, 60% fine and coarse gravel, 40% fine to coarse sand, subangular to subrounded, yellowish brown mottles
10			45		
11			34		no mottles
12					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 60% fine to coarse sand, 40% fine and coarse gravel
13			33		
14			34		
15					



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-34 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			33		POORLY GRADED GRAVEL with SAND (GP): very dark grayish brown (10YR 3/2), moist, 60% fine and coarse gravel, 35% fine to coarse sand, 5% fines, angular to subrounded, dark yellowish brown mottles with orange oxidized silt inclusions	Medium bentonite chip (PureGold) seal
17			39		sand portion mostly coarse	
18					SILTY SAND (SM): grayish brown (10YR 5/2), moist, 65% fine sand, 35% low plasticity fines	
19			30			
20			28			2" diameter Schedule 40 PVC casing
21						
22			26			
23			38		very moist; 10YR 4/2 (dark grayish brown)	
24					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine to coarse sand, 5% fines	8" diameter borehole
25			35			
26			27		cobble (2-3" diameter)	
27					with 5% fine gravel	
28			32			
29			37			
30			36			
31						
32			37			
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-34 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34	DMW-3-38		35		POORLY GRADED SAND (SP): (cont'd)	2" diameter Schedule 40 PVC casing
35			34			
36						
37			33			
38			35		wet; 10YR 3/2 (very dark grayish brown)	8" diameter borehole
39						
40			33			
41			33			
42						Medium bentonite chip (PureGold) seal
43			35		sand portion is coarser	
44	DMW-3-44		37		POORLY GRADED GRAVEL with SAND (GP): very dark grayish brown (10YR 3/2), wet, 60% fine and coarse subrounded to subangular gravel, 35% fine to coarse sand, 5% fines	
45						
46			40			
47	DMW-3-46.5		35		POORLY GRADED SAND with GRAVEL (SP): very dark grayish brown (10YR 3/2), wet, 85% fine to coarse sand, 15% fine gravel	
48						
49			34			#8/12 filter pack sand
50						
51			33			2" diameter, 0.020" slot, Schedule 40 PVC screen

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-34 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52	DMW-3-51		25		POORLY GRADED SAND (SP): very dark grayish brown (10YR 3/2), wet, 95% fine to coarse sand, 5% fine gravel	#8/12 filter pack sand
53			28		less than 5% fine gravel	
54						8" diameter borehole
55			27			
56						2" diameter, 0.020" slot, Schedule 40 PVC screen
57			27		brown sandy silt inclusions (1 to 2" diameter)	
58			27			
59						*Pour potable water (~2 gallons) in augers to clean.
60			28			
61					Bottom of boring at 60.5 feet.	2" diameter Schedule 40 PVC end cap
62						
63						
64						
65						
66						
67						
68						
69						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-35**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/21/07 / DATE FINISHED: 11/21/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 56.0 / SCREEN INTERVAL (ft.): 45.4 to 55.2
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST ~40, COMPL. 39.6 / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						
4						8" diameter borehole
5					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 70% fine to coarse sand, 30% fine and coarse subangular gravel	
6			9 9 11			PureGold medium bentonite chip seal
7						
8						2" diameter Schedule 40 PVC casing
9						
10						
11			9 15 18			
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-35 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			15 19 25		POORLY GRADED SAND with GRAVEL (SP): Cont'd cobble sand fraction is coarser	8" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20						
21			16 20 24		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% medium sand, 5% fines	
22						
23						
24						
25						
26			16 22 25			
27						
28						
29					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (2.5Y 4/2), moist, 75% fine to coarse sand, 20% fine gravel, 5% fines	
30						
31			7 24 30			
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-35 (cont'd)

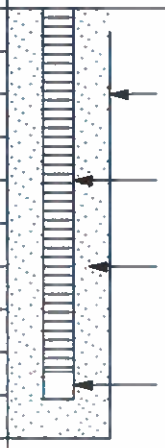
DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND with GRAVEL (SP): Cont'd	8" diameter borehole
35						PureGold medium bentonite chip seal
36			18 26 29		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 95% fine to coarse sand, 5% fines	
37						
38						2" diameter Schedule 40 PVC casing
39						
40					wet; 10% gravel	
41			14 22 31			
42						
43						
44						
45						
46			30 50/6"		several cobbles	
47						2" diameter, 0.020" slot, Schedule 40 PVC screen
48						
49						#10/20 Colorado Silica filter sand
50						
51			18			

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-35 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52			26 35		POORLY GRADED SAND (SP): Cont'd	
53						
54						
55						
56			21 30 34		Bottom of boring at 56.0 feet.	
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						



OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-36**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 12/03/07 / DATE FINISHED: 12/03/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 56.0 / SCREEN INTERVAL (ft.): 45.3 to 54.7
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST ~40, COMPL. 37.8 / CASING: 4" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						Collapsed native fill
4						10" diameter borehole
5					POORLY GRADED SAND with GRAVEL (SP): dark grayish brown (10YR 4/2), moist, 55% fine to coarse sand, 40% fine and coarse gravel, 5% fines	
6			10 12 10			PureGold medium bentonite chip seal
7						
8						4" diameter Schedule 40 PVC casing
9						
10						
11			15 15 19		several large cobbles	
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-36 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			15 18 24		15% gravel; 80% sand	10" diameter borehole
17						PureGold medium bentonite chip seal
18						
19						4" diameter Schedule 40 PVC casing
20						
21			14 10 23		SILTY SAND (SM): grayish brown (2.5Y 5/2), moist, 85% fine to medium sand, 15% low plasticity fines	
22						
23						
24					POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 85% fine to coarse sand, 10% fine gravel, 5% fines	
25						
26			16 18 27			
27						
28						
29						
30					no gravel	
31			17 20 27			
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-36 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont'd	
35						
36			17 20 23			
37						4" diameter Schedule 40 PVC casing
38						10" diameter borehole
39					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark grayish brown (10YR 4/2), moist, 75% fine to coarse sand, 15% fine gravel, 10% nonplastic fines	
40					wet	PureGold medium bentonite chip seal
41			16 18 24		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), wet, 95% fine to coarse sand, 5% fines	
42						
43						
44						#10/20 Colorado Silica filter sand
45						
46			18 22 25			
47						
48						4" diameter, 0.020" slot V-wire wrap, Schedule 40 PVC screen
49						
50						
51			17			

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-36 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52			23 28		10% gravel	10" diameter borehole
53						4" diameter, 0.020" slot V-wire wrap, Schedule 40 PVC screen
54						#10/20 Colorado Silica filter sand
55						4" Schedule 40 PVC endcap
56			17 21 28		Bottom of boring at 56.0 feet.	native sand
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						

PROJECT: Former J.H. Baxter Facility Arlington, Washington	**Log of Well No. MW-37**
BORING LOCATION: To be surveyed	TOP OF CASING ELEVATION AND DATUM: To be surveyed
DRILLING CONTRACTOR: Cascade Drilling, Inc.	DATE STARTED: 11/15/07 / DATE FINISHED: 11/15/07
DRILLING METHOD: Hollow-stem auger	TOTAL DEPTH (ft.): 56.0 / SCREEN INTERVAL (ft.): 45.1 to 54.8
DRILLING EQUIPMENT: CME-75	DEPTH TO WATER (ft.): FIRST ~40, COMPL. NA / CASING: 2" Sched. 40 PVC
SAMPLING METHOD: Dames and Moore drive sampler 18" x 2.5" ID	LOGGED BY: Naila Moreira
HAMMER WEIGHT: 300 pounds / DROP: 30 inches	RESPONSIBLE PROFESSIONAL: Z. Satterwhite / REG. NO. L.G. 2568

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: To be surveyed	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
1						Traffic Rated Well Box
2						2x2x2 ft basalite concrete
3						
4						8" diameter borehole
5					POORLY GRADED GRAVEL with SAND (GP): olive brown (2.5Y 4/3), moist, 60% fine and coarse gravel, 40% fine to coarse sand	
6			10 12 15		POORLY GRADED SAND (SP): dark grayish brown (10YR 4/2), moist, 75% fine to coarse sand, 10% fine gravel, 5% fines	PureGold medium bentonite chip seal
7						
8						2" diameter Schedule 40 PVC casing
9					POORLY GRADED GRAVEL with SAND (GP): dark grayish brown (10YR 4/2), moist, 65% fine and coarse gravel, 30% fine to coarse sand, 5% fines	
10						
11			15 15 16			
12						
13						
14						
15						

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-37 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16			15 17 19		POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark grayish brown (10YR 4/2), moist, 50% fine to coarse sand, 40% fine and coarse gravel, 10% nonplastic fines	8" diameter borehole
17					POORLY GRADED SAND (SP): dark grayish brown (2.5Y 4/2), moist, 75% fine to coarse sand, 10% fine gravel, 5% fines	PureGold medium bentonite chip seal
18						
19						2" diameter Schedule 40 PVC casing
20					less gravel	
21			21 23 27			
22						
23						
24						
25					sand with silt	
26			14 18 24			
27						
28						
29						
30					medium to fine sand	
31			16 20 21			
32						
33						

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-37 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
34					POORLY GRADED SAND (SP): Cont'd	2" diameter Schedule 40 PVC casing
35						
36			16 16 19			PureGold medium bentonite chip seal
37						
38						
39						8" diameter borehole
40					wet sand with silt	
41			14 17 19			
42						
43						
44						#10/20 Colorado Silica filter sand
45						
46			20 21 25			
47						
48						2" diameter, 0.020" slot, Schedule 40 PVC screen
49						
50					2.5Y 3/2 (very dark grayish brown)	
51			12			

OAKWELLV_TOC(REV. 9/00)

PROJECT: Former J.H. Baxter Facility
Arlington, Washington

Log of Well No. MW-37 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
52			17 22		silty sand	8" diameter borehole
53						2" diameter, 0.020" slot, Schedule 40 PVC screen
54						#10/20 Colorado Silica filter sand
55						2" Schedule 40 PVC endcap
56			14 17 23		POORLY GRADED SAND with SILT (SP-SM): dark grayish brown (2.5Y 4/2), wet, 90% fine to medium sand, 10% nonplastic fines Bottom of boring at 56.0 feet.	
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
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OAKWELLV_TOC(REV. 9/00)